

## *ABSTRACT OF THE DISCLOSURE*

The invention relates to a line restoring method for securing, efficiently at a low cost, a substitute path for every path that is logically formed in a transmission section where a failure  
5 has occurred in a node of a packet routing network formed by physical transmission paths that are installed over a wide area or a long distance and formed redundantly, as well as to a packet transmission equipment that realizes such a line restoring method . In a network to which the invention is applied, it is possible to flexibly adapt to a variety of configurations of a network and transmission paths and increase the operation efficiency and the total reliability.

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